

Fayette County

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Community Health Needs Assessment Snapshot

Promote Healthy Behaviors

Problems/Needs:

- Obesity and the related chronic health conditions. Fayette County's obesity rate is 22.8% with high blood pressure at 23% and diabetes at 6.3% (Community Health Status Report, 2009). Fayette County that are overweight is 14.9% and 15.8% are obese (WIC data from Sara Noack, 2009).
- Communication between public health and the community, working as a resource. (Currently we do not have a website to relay information to the general public).

Prevent Injuries

Problems/Needs:

- The number of Motor Vehicle Crashes (MVC), ATV and Motorcycle Accidents in Fayette County. Motor Vehicle Accidents are the leading cause of accidental death with a rate of 28.17 per 100,000 or 6 per year for the population of Fayette County (Fayette County, Iowa Health Statistics, LaCrosse Medical Science Consortium, 2008). 2% of ER visits at PLHC are related to MVC in 2009 (PLHC ER Data, Patient Safety Cyndi Lamphier).
- The number of falls that result in ER visits or hospitalizations. Data from PLHC indicates in 2008 3% of ER visits were for falls for people over the age of 50 and 1.5% for those under the age of 50. In 2009, the percent of falls over the age of 50 was 3.3% and 2% under the age of 50 (PLHC ER Data from Patient Safety, Cyndi Lamphier).

Protect Against Environmental Hazards

Problems/Needs:

- Concern for the safety of drinking water as the amount of safe water in Fayette County is unknown as private wells are only voluntarily tested. Unsure of the number of safe wells.
- In Fayette County we do not have a Hazardous Waste Disposal Site or have venue in place for Hazardous Materials. In Fayette County 32,167 pounds of toxic chemicals are released annually or about one and a half pounds per person (EPA. Toxic Release Inventory Explorer Report, 2008, cited in Community Health Status Report 2009).
- Healthy Housing - 57% of housing is pre 1950, rentals, lead poisoning, radon, disease vectors, indoor air quality (per Catherine Miller, Environmental Health). Elevated leads in children, 7.9% of Medicaid enrolled children and 4% of non-Medicaid children (Blood Lead Testing Data for Community Health Needs Assessment and Health Improvement Plan, December 2009).

Prevent Epidemics and the Spread of Disease

Problems/Needs:

- Link on Fayette County Website to Public Health that contains educational information and lists services available to the public. As noted by the Public Health Modernization Act we need to assure usage of various communication methods when providing the public with information and education needed to reduce health risks and improve health.
- The number of pertussis cases has increased from zero to 4 in the past three years and this is a vaccine preventable disease (Iowa Surveillance of Notifiable and Other Diseases, 2008).
- Awareness and education on sexually transmitted diseases. In our survey, 48% reported STD and HIV/AIDS screening and treatment is available but fails to meet the needs or is not available. 57% report that comprehensive and reliable health education for adolescents, including STD and pregnancy prevention is available but fails to meet needs adequately (Data obtained from CHNA HIP Survey, 9/14/10).

Prepare for, Respond to, and Recover from Public Health Emergencies

Problems/Needs:

- Educate the community on Public Health Emergencies and instruct them on preparedness. 29% of respondents said it is available but fails to meet needs adequately and 14% said it is not available (CHNA HIP Survey, 9/14/10).
- Different methods of communication to reach the various populations in Fayette County. As noted in the Public Health Modernization Act, assure that public health messages address the community's special populations and assures 24 hour, seven days a week, 365 days a year routine, intermediate, and emergency alerting or notification and information sharing with the appropriate audiences. (Currently no system is in place).

Strengthen the Public Health Infrastructure

Problems/Needs:

- Maternal Health program is no longer locally operated, develop working relationships with contractor to maintain quality of care for the participants. The number of births to women under 18 is 2.8% and 10.3% of expecting mothers did not receive prenatal care in first trimester (Community Health Status Report, 2009).
- Increase engagement of Board of Health members and develop a formal evaluation program. Currently we do not have formal evaluation process in place or a certification process for LBOH.
- Increase BSN Student Involvement with Community Health by being a preceptor site for local college students.

Community Health Improvement Plan

Goal	Strategies	Who is responsible?	When? (Timeline)
Decrease the percentage of obese adults in Fayette County from 22.8% to less than 20% and decrease the percent of children over the age of 2 that are overweight and obese children by 3% by 2015.	Develop I WALK Committee at North Fayette High School and complete spring and fall teacher tallies to measure the number of students walking or biking to and from school	Community Health and School Wellness Committee	Ongoing, I-WALK in place by Fall of 2011
	Offering a Healthier You yearly to community members which includes motivational seminars and screenings	West Union Park and Rec, PLHC	Start in January 2011
	Monthly Community Wide Screenings for Diabetes	Diabetic Educators at PLHC	Jan-11
	Host Heart Risk Assessment in February	Cardiac Rehab	Feb-11
	Offer Youth Wellness a six week course to third graders in Fayette County	PLHC HR, Community Health, Cardiac Rehab	Start Spring of 2011
	Develop a school garden with emphasis on nutrition and exercise	Community Health, PLHC, North Fayette HS, Dietary, Master Gardeners	Spring on 2012
	Diabetes Risk Assessment to monitor blood sugars and educational seminars	Diabetic Educators at PLHC	Nov-11
	Offer employee health benefits to community employers	Employee Health Committee	Start 2012
	Conduct a Safe Routes to School parent meeting	Food and Fitness, Heidi Skildum, PCH and North Fayette School Wellness Committee	Mar-11
	Have worksite goal of having PLHC participation at the annual American Cancer Walk	PCH, Jamie Hoey Marketing,	Jun-11

		Human Resources at PLHC	
	Offer Matter of Balance Classes to residents of Fayette County	Community Health and Northland Agency on Aging	Begin offering classes in 2011-2012

Goal	Strategies	Who is responsible?	When? (Timeline)
Establish a website to list services available for residents of Fayette County by 2013 (Currently we do not have a website).	Working with Palmer Lutheran Hospital in adding a link for Community Health and listing community resources. Work with PLHC Marketing	Community Health, Fayette County Board of Health, IT staff and Marketing	Start Progress 2011 in and be completed by the end of 2013
	Working with the Fayette County BOS and IT staff to have a link on the Fayette County webpage for Community Health Resources	Community Health, Fayette County BOS and IT staff	Start Progress in 2011 and be completed by the end of 2013